28 October – 21 November, 1946

Field Trip No. 16. – N.W. NSW. & S.W. Queensland, etc.

[Plant material determined by N.T. Burbidge]

28/10. Canberra City. 11463. 11477. Melliodora, Blakelyi, Perala, Perunga (n) much cleared. 491. Grassland. 11503 Boorowa turn off Chortoicetes terminifera 505. Mell. Blakelyi, occ. Stuartiana, occ. maculosa on slope. Flat & adjacent slope, much cleared Schizobothrus flavovittatus A. Cruc. (n). Prasiolulus (n). 519. Mell. Blakelyi, almost completely cleared. Phaul (n) Brachyacanna (n), A. pusilla (n) Chortoicetes terminifera 529. Boorowa / 533. Castles Creek. camaldulensis & Stuartiana along creek, melliodora further off. Cryptobothrus 545 Murrumbo 547. albens on top of rise. Chortoicetes. 559. Young. 563. Mell., Blakelyi, occ. Stuartiana, thinned. Brachyacanna, Prasiolulus, Chort. ~~A. pusilla~~ A. cruciata, Pycnostictus serratus 577. Melliodora, Woollsiana, Callitris glauca. Overgrazed rather dry pasture. Chort. Pycnostictus on bare ground near trees. 588 puffs on light brown soil. 589 Bland Creek. 590. Ditto. 591. Woollsiana. Brown to g.b. ~~p~~ well-dev. puffs on heavy grey to g.b. mod. self-mulching soil. Dry, heavily grazed, young thistles prominent. Chort. A. cruciata, Chortoicetes, Pycnostictus sp. n., 592 Out of the puffs. 605. albens, Woollsiana, C. glauca, Gonaca sp. occ. shrubs of Myoporum sp. (specimen) One Burosaria. [M. desertii] Red-brown sandy loam, quartz chips. A. cruc. numerous 608 Temora. Cryptobothrus, Keyiperis marcida (R), Gonaca sp., Azelota sp.

29/10. 609. Temora. 615. Sideroxylon, Woollsiana, C. calcarata, A. cruciata, Pycnostictus serratus, numerous shrubs up to 5 ft. 626. Cleared from Woollsiana. Chortoicetes terminifera A. cruciata, Qualetta (n) Sparse pasture. 632. Ariah Park. 635. Melliodora, Woollsiana

[E. Dwyeri]

Genus nov. 22 sp. 1 largely cleared. Chost. Pycnostictus seratus. 11644. Dwyeri? (almost mallee)
Pycnostictus seratus, Tephantus (n), Qualletta (n), A. cruciata, Lonicera sp.
(specimen) with C. glauca + occ. Woollsiana on very
Asclota sp.
stony ridge. Chost. Cruc. 648. Beckom. 652. Ardlethan.
Asclota sp., Gen. nov. 22 sp. 1
655. Dwyeri (?) occ. Woollsiana, C. glauca, C. calcarata on
[Acacia doratoxylon]
stony rise. P. seratus, Chost. Cruc. 660 Yarrowa. Poplar
box appears for 1st time & quite common. 664 Mallee, with
Genus nov. 16 (?), Genus nov. 48
sideroxylon & Callitris verrucosa, + patches Triodia irritans.
The two spp. of Acrideis were both found in Triodia
tussocks. 666 Moombooldool 672 Barellan. 676. Mainly
cleared from Woollsiana, C. glauca, roswood, Myoporum
[M. deserti, M. platycarpum]
2 spp. (specs), one myall. A. Cruc. (not common, but
A. cruciata,
one large yellow ♂.) 685. Populifolia, Woollsiana, C. glauca,
occ. needlewood. Cruc numerous, males often large +
yellow. 686 Binya 692. Mallee, Woollsiana, C. glauca,
occ.
[A. rigens, A. Oswaldii]
(Muloke, yarran, other acacias (specs. of 2 spp.). Cruc. occ.
30/10.
694 Yenda 705 Griffith [Jeff Griffith 11714. 723. Mulga + one
Tapesta
roswood on typical mulga soil. Chost. Cruc. Odd creeping
saltbush. 724. Very sandy patch. Orig. veg. not clear.
now cleared with Stipa & Danthonia. 734 Tabbita
[E. interteseta var.]
737. Populifolia, interteseta? (spec.), Muloke, occ. Hakea,
mulga, roswood, yarran, pine. Pasture Stipa tussocks
A. cruciata,
& crowfoot. 746 Gordyoni 752. Rather open mallee, occ.
mulga, roswood, C. glauca, mulga (?), Currant-bush (?), yarran.
755 Bridawong 758 Merriwagga 764 Coorowin 765. C.

glauca in dense, pure stand. Practically no ground layer except lichens. Near by some thinned stands with intestesta, inulga 11783. Hillston. 784. Lachlan River 785. Bicolor on strongly sm. gb. soil. Chost. A. cruc. Bassia Birchii, Sida sp. 798. Chloris truncata, Danthonia Grassland with Helichrysum; Stipa variabilis prominent on hard sandy patches. Elsewhere soil a brown loam (?) cracked extensively but not sm. Chost nymphs numerous. 810. Large depression with a gradation from bicolor to populifolia. Cane grass swamp also (Glyceria eustalasica), Callitris on adjacent high ground. Numerous Bassias, some Helichrysum, occ. Chenopodium sp. Chost nymphs occ. Pyenostictus seriatus (1).

Perelytrana rana.

31/10. ~~810.~~ 815. Numerous Bassias & Atriplex & Kochias, but all small. Also Helichrysum & grasses. Trees. Chost nymphs

Austracris guttulosa, A. cruciata,

816. 28-mile peg to Moorgiel. 826. Extensive treless plain with strongly sm. gb. brown soil. Numerous Bassias & saltbushes, including A. leptocarpum & small shrubby spp., Helichrysum, occ. lignum & canegrass in a small area of depression. Chost.

Urnisa guttulosa, Pyenostictus seriatus, A. arida,

843. Moorgiel. 844. Dense stand of K. pyramidata, with occ. other spp. of Kochia (not sedifolia), + Rhagodia sp. on hard sandy rb. soil. Spp. collected were mainly in

A. cruciata

watercourse free from shrubs. Chort. nymphs & adults.
Perclyprana rana,
11860. Atriplex spp. (shrubby) including vesicaria, occ.
low Kochias, on strongly & mod. sn. brown soil Chort. 875.
Quanhoe.
[NB. Whole section from Hillston to Quanhoe has alternations of sn. & compact soil, but these are for the most part very gradual. Chortoicetes nymphs were numerous throughout, indicating the capacity to maintain a high population. Between Yanco & Temora, the 4 miles around Bland Creek were outbreak area country of the puffy type.]. 878. Belah, rosewood, occ. mulga,
[M. platycarpum]
Myoporum sp. (spec.) (Previously identified as Eremophila
mulga, [E. Sturtii]
Duttoni), yarran, mulga, currant-bush, Eremophila sp.
[Templetonia egena]
(spec.), ? Poorala sp. (spec.). Chort. nymphs & adults very
numerous, forming a swarm in a slight depression under
belah, leaving quite dense Stipa ? variabilis. Pycnoscelus
~~A. pruilla~~ Perkesia fuscomaculata, [A. colletioides] Austroicetes
895. Belah, rosewood, mulga, Acacia sp. (spec.), currant-
interioris [C. eremophila]
bush, Cassia sp. (on regenerating area). Pycnoscelus serratus,
Chort., Urnisa guttulosa. Pycno. & Urnisa only along road
where sand looser than elsewhere. 897 fat, left
Ecphantus, ~~A. pruilla~~ Perkesia fuscomaculata,
908 Bielpajah 913. Belah, rosewood, mulga, occ. mulga,
Austroicetes interioris
partly parkland. Chort. Urnisa. 11918 Darnick
20.B = 21.B. 934. Parkland of rosewood. Trees sections

[Stipa nitida]
with Stipa sp. tussocks & a small Bassia. Soil red, very sandy, with limestone nodules up to 1 in., drain. in places. Chort. 1st Nov. 1946 / 12935 Cyperus nim
154 back to "ram" Menindee 121 967 Edgell's 972 gate turn
Umisa guttulosa, ~~A. pucella~~, Peakesia fusconaulata,
left 977. A. hoderi. in very open parkland or savannah
Collitera variegata, Austroicetes interiorio
scrub, with a shallow sandy watercourse in the grassland. Stipa sp., Bassias & saltbushes, Helichrysum
Dec. Cane-grass in watercourse. Soil a red sand.
Umisa numerous, Chort. Pyenosticteus (1), Austracris
guttulosa in watercourse. 982 Sayers Lake turn off
Umisa guttulosa, Collitera variegata
996. ~~too~~ Cane grass swamp bounded by flats, rows on
side a moving sand dune flanked by green-leafed
bicolor. Rolly-pollies, saltbushes, Bassias.
Chort. Pyenosticteus. 12010 Pine Hut Track? 12022 Commencement
of Darling flood plain with bicolor on strongly self mulching
soil alternating with claypan & salty areas 24. Shallow
Chortoicetes, Peakesia fusconaulata
watercourse on strongly sim. gr. soil with saltbushes,
Bassias, grass & Marsilea, flanked by pale compact
soil with bicolor. Ecphantus, Chort. Umisa 12034
Riv. Darling & Abermarle Stn. Proceeded, without further
collecting, to Menindee & Broken Hill.
Qualetta, ~~A. pucella~~, A. arida, Umisa
4/11. 12123. Broken Hill. 129. Prob. cleared from mulga. Now
guttulosa, Austroicetes interiorio
with patches red sand & patches white marly gravel.
Rocky hills. K. sedifolia, Bassias & ? Trichinum sp. No

meatants. Urnisa numerous on sandy areas.
Chort. hoppers. Pycnostichus. Ephantus Qualetta, Urnisa guttulosa; 12139. Sandy watercourse
A. arida
with Camaldulensis rising gradually to a quartz-
covered flat. No marked habitat differentiation in
Acridids. Chort. adult. Bassias, Rhagodia, 142. Yanco
Qualetta, A. arida, A. ~~pacilla~~, interioris
Glen. ~~250~~. 150. Gentle Slope from sandy watercourse to rise.
K. pyramidata on lower slope, K. sedifolia with occ.
small mulga on upper slope + summit. Urnisa,
Chort. adults + hoppers. 157. White Cliffs turn-off. 159. Sandy
Qualetta, Chortoicetes, Pycnostichus seriatus, Collitesa variegata
Creek with Camaldulensis, leading through sandy
belt to slight rise with white quartz & Acacia? Victoriae.
Urnisa. Chort. adults + nymphs numerous. 168. ? Eurioria.
Qualetta, Kuplessia sp., Austroicetes millarborensis, A. interioris.
170. Gentle slope. Somewhat heavy brown soil with
surface stones. Small Bassias + groups of chubby
Atriplex. Brachyphistes from saltbush specimens. [A. ? vesicaria].
Peakesia fuscomaculata
Chort. Qualetta. 179. Somewhat heavy brown soil with
quartz + other stones, slight tendency to crabholes.
Small Bassias, + saltbushes only. Chort. 190. Rocky
~~A. pacilla~~, Peakesia fuscomaculata, Austroicetes occ. interioris
slope with mulga + other acacias, ? belah, K. pyramidata
+ K. sedifolia, saltbushes, bassias. Chort., Pycnostichus
Caperrala sp., Collitesa variegata
199. Flat plain with bassias, small saltbushes, &
numerous spp. of herbage in green state. In small
gutters mitchell grass (curly?) + occ. Eragrostis
Pycnostichus seriatus, Peakesia sp. (?)
setifolia. Chort. 209. Very sandy red soil, including a

small sandy creek with Nicotiana & Salsola Kali. Away from creek, species of Kochia, Atriplex, Salsola, Bassia, & Eragrostis setifolia. Chort., Urnisa.

5/11. 12209. Leave camp site. 213 Lake Bancannia 219. Chortoiceteis (n), Tapesta, Calperrala sp.
Swamp on somewhat sm. brown soil with canegrass, lignum, & a shrubby Chenopodium. Fringes with stunted Lycium on compact light brown soil. Austraeris, Urnisa. Eragrostis setifolia, rather herbage. Urnisiella, Tapesta, Urnisa gutturosa
228 Packsaddle tank. 231. K. sedifolia on flat rising to mulga. Very sandy red-brown soil, with occ. patches bare stones (flat). Odd bassias & saltbushes, Aristida sp. Salsola, other grasses. Chort, Urnisa.
Chortoiceteis terminifera Nov.
Qualetta. 241. Gibber plain, bassias & saltbushes in lower parts. Soil brown loam. 241 (Wongonguta Tank) bore tank Stn. m. tank on W. side of rd. 253. Sandy loam plain with several bassias, plus mitchell grass in hollows, occ. bare stony patches. Urnisa. ~~254. Pelgamatina Tank~~.
One tree waterhole.
260. white Cliffs turn-off. 279. ~~Coolly Bore~~ Cooloobah ~~or yapeunyah~~ along permanent water fringed with Complisteb sp. lignum. 328, 6th Nov. Tibooburra (going to Milparinka). 346. Gidgee on Qualetta, Psychosteiteis variatus, Urnisa gutturosa, Peakesia fiscomaculata creek flat & gibber slope, with various bassias, saltbushes, etc.
Chort. 352. Milparinka. 356. Brown soil with gibbers & crabholes, the latter bearing lots Bassias & saltbushes

plus curly mitchell grass. Chost., Qualetta, Austrasia.
2364. Beefwood (open stand) + K. pyramidata flanking creek
with camaldulensis. Hard + somewhat eroded sandy
loam, a little grass. Chost., Ulmica. Qualetta. 370. Gibber
Perelytrana sp.
tableland with large smooth mainly purple-brown
gibbers on brown soil which is strongly sm. on low
flats, only slightly or not so, on slopes + rises. No
tree or large shrub anywhere in sight. Small saltbushes
+ bassias, + occ. grasses. Dead Perelytrana under
shrubby saltbushes. Chost. Photo. Mr. Forster says
Perelytrana is called elephant grasshoppers, + that the
same sp. (or Monistria?) wiped out waterbush in
Tibooburra. 376. Fairly dense mulga, fairly heavily lopped,
plus occ. spiny acacia on sandy r.b. soil with occ.
K. pyramidata. Pyenostichus 7th Nov. p.1 2381 Tibooburra. 382. Stony
~~A. pinatta~~ Austroicates interiorio
hill, very sparse bassias, etc. Chost. 391. Somewhat sm.
brown soils with gibbers + crabholes bearing
saltbush, bassias + mitchell grass. Chost. 392 Opal Downs
turnoff 402. Gibber plain on brown sm. Very sparse
saltbush + bassias in ill-defined crabholes. Chost.
410 Yalpungah P.O. 412. Creek in fine pale sand, with
gidgea + coolibah, sparse pasture of grass + annual
saltbush. 415. Tweompah Gate. Enter Q'land. 418. Stony
Austroicates interiorio
desert, mainly on compact brown soil, but sm. in odd

crabholes, Bassias & occ. mitchell grass. Chort. Photo

Uromisa guttulosa.

(3). 12433. Had pale sandy rise with mulga, adjoining part of the Bulloo overflow; the latter with pale sandy surface overlying heavier soil. Mainly low bassias & saltbushes. 441. Tickalara & 450. Old man

8/11.

Chortoicetes terminifera

saltbush, with occ. Acacia stenophylla, Hakea & stunted coolibah. On pale sandy soil. Dactyloctenium the chief grass (dry); occ. bassias, etc., & Eragrostis setifolia in depressions. Austrocis. 466. Flat depression between rb sandhills: coolibah, mulga, whitewood, Hakea, Eremophila Sturtii (?) 471 Photo of sandhill & [Hakea uittata]

467. [E. ochrophloia]

478. [E. terminalis]

& 496 Bulloo Downs 12524. [E. terminalis]

9/11. 571 Rogomatch. 608. Dense mulga somewhat thinned, plus occ. bloodwood & poplifolia. A small 18" shrub very common. No ground cover.

[E. terminalis]

626. [E. Thozetiana]

Uromisa, Chort. Red sandy loam. 618. Odd bregalow.

651 Eulo.

10/11. Cunnamulla to Gilruth Plains. 694. Cunnamulla. At Gilruth Plains. The only grasshoppers seen were several Chort. on a small area of recently-irrigated mitchell grass, & a larger number on a paddock that had not been grazed for 3 years, & bore numerous dry Salsola & a little mitchell grass, some of the tussocks with a little green

shoot.

11/11. Cunnamulla to St. George. — 12737. Cunnamulla.
757. Populifolia, beefwood, bloodwood, Eremophila
longifolia, mulga on hard rb. soil with laterite
12758 [Angophora melanoxylon] Pycnostictus serratus 12775. [Acacia sculsa]
stones. Chost. 778. Cleared from mulga & Hakea (specimens
12763. [Hakea Ivoryi]
last taken), with some regrowth. Chost. 805. Alongside
road. through dense, partly dead mulga, some
regrowth, occ. populifolia. Pycnostictus. 839. much
thinned from Coolabah & occ. rosewood on brown
strongly sm. & some compact soil, with Bassia
rolly-pollies, occ. lignum & grass tussocks. Chost.,
[E. ? intersecta]
Aristopus. 847. Bollon. 855. Small patch melliodora (or
interlenta?). 876. Thinned from pop. budda, grandong,
currant-bush, mulga. Bassia Birchii & green pick.
Chost. mpupho. Pycnostictus. 887. Boolba. 9/9. St. George.
12/11. 919. St. George. 921. Largely cleared from populifolia,
melanophloia, bloodwood, mulga. C. glauca, & a shrub
[Canthium odoratum]
to 10ft. (specimen). Dedalus numerous. Pasture mainly
Bassia Birchii, with some grass. Chost. 933. Cleared from
Aristacria guttulosa, A. pusilla.
Coolabah. Now a good stand of mitchell grass on sm.
Aerida.
grey soil. Chost. pusilla on slightly less sm. patches.
946. Midgelly 948. Slightly thinned bicolor (?) (rough to
tips), belah, buddah, occ. brigalow. Sparse annual
saltbush on slightly sm. to compact gr. soil.

Heteropternis obcurella,

12960. Largely cleared from pop., melanoxylon, C. glauca
[Streptia calicina]
mulga, Myoporum sp., buddah & specimen on hard red
soil. Mostly bare, but patches of short & long dense
grass in slight depressions. Tall grass was Dichanthium
genus (?)
& Themeda. New ~~[illegible]~~ & Heteropternis amongst
tall grass. Acrida, Chort., Oed., Pycno. 973. Thinned from
[A. Tricholyptachaya]
belah, brigalow; mulga, feathery acacia just sampled,
buddah & Myoporum sp. on slightly sy. gr. soil with
fair grass. Chort. Austrocrio guttulosa.
Austrocrio guttulosa. Austrocrio guttulosa.

989. Thinned from pop., buddah, belah, ou, rosewood,
[Capparis lasiantha]
mulga. Blue-grass, Chloris, etc. Fragattia, Chort. Oed., Acrida (n)

998. Cleared from coolibah & belah on dark grey strongly
sy. soil with annual spp. of Atriplex along stock-route

999. Cleared from coolibah & belah a little myall, on
strongly sy. dark grey soil. Good growth annual spp.
Atriplex along road, Astrebla elymoides in paddocks
in good dense stand. Chort., Austr. gutt.
Fragattia.

020. Partly cleared from pop., mulga, rosewood, buddah,
mild orange, on compact greasy brown soil. Bassia
Echinochloa muricata
Birchii & Chloris truncata. Chort. 041. Largely cleared
Austrocrio guttulosa, Morana cultrata carissima (n)(R)
from coolabah along river. Somewhat sy. soil,
somewhat swampy, with patches of capparaceae
tall
& Digitaria tussocks. Chort.
Cla. loiectro, A. Brevella.

051. Cleared from pop. & rosewood, on greasy gr. soil,

quite heavily cracked in places. Chost., Oed., pusilla
Neustrobiceros pusilla Moraba cultrata carissima (?)(R)
numerous. 3064. Cleared & thinned from brigalow, bulah,
E. pilligaensis.
mulga, rosewood, pop., occ. buddah, Mucid grasses &
(patched via northern road)
herbage. Chost. Oed., Frogatia. 079. Cleared
Neustrobiceros pusilla
from pop., pilligaensis, mulga, buddah, bull-oak,
occ. brigalow, umbellata (?)(rather short operculum), C. glauca.
Diolopus, Oedal. Pale gy. soil, compact or greasy.
OCT. [Angophora intermedia]
093. Pop. - melanophloia woodland, cleared
& lightly thinned. Tall Aristida & Dichanthium in
patches with low cover & bare ground between.
Frogatia, pusilla, Oedal. 108. Cleared
Moraba cultrata carissima (R)
& thinned from pop. on pale fine sandy loam with
Dichanthium & Kochia microphylla. Diolopus, Oedal.,
Pycnostictus alpicaetus [E. conica (S. West. Syn.)]
Frogatia, Pycnostictus sp. n. 122. Hemiphloia (? spec.),
umbellata?, apple, with Dichanthium & Stipa. Chost, Oedal,
Frogatia, pusilla, Neustrobiceros pusilla, Pycnostictus alpicaetus
Acrida (?). 136. Big-fruited box (spec.: lower half typical
Stipa, Cryptostemonus (?), [E. hemiphloia var. albens]
leon bark, upper branches slightly olive-grey). Cleared &
Moraba cultrata carissima (R)
thinned. Oedal. Acrida (?), Pycnostictus. 150. Ironbark
woodland, (spec.) little thinned. Oedal. 168. Stanthorpe.
Moraba cultrata carissima (?)(R), A. pusilla, A. vulgaris
14/11. 169. Stanthorpe. 171. Apple, Stuartiana (?), Blakelyi (?),
[E. Youmanni]
& a stringybark (spec.), slightly thinned woodland. Frogatia.
181. Ballandean. 183. Lyra. 187. Hilly, with stringy
(macrorhyncha) & a much-twisted euc. with steel-
[E. Bancroftii] [A. glaucescens]
grey mottled bark (spec.), soft-leafed Acacia (spec.),

Leucopogon sp., & yellow-flowered broom. 13192. Wallaroo
Cedarnia sp., Cryptolothrus chrysophorus,
area. 204. Tenterfield. 206. Unburned stand of Blakelyi (?)
Pesala viridis, Brachyscama lobipennis, Tipuga sp., Austroicetes
& a box, leaves & sparse grass beneath. All spp. except
vulgaris
Phaul. & A. vulg.; also same community cleared &
converted into cultivation paddock (old) & burnt
Zomaea sp.,
Paspalum pasture. Phaul. Froggattia. 222. Wet
Ryelota sp., Chortoicetes terminifera
sclerophyll forest with a stringy, a peppermint, a
a Clausarina,
bloodwood, an apple, Tristania conferta, & at least
two gums. Themeda australis. Froggattia. 224 Sandy
Cedarnia sp.
Hills 236 Drake 239. Wet S.F. with maculata, a
stringy, an ironbark (paniculata or siderophloia), a
bloodwood, a greygum (?) & at least one gum. Sparse
grass cover, including a little Imperata. Acacia
sp. regrowth forming 6-10ft. lower storey. 251 Tabulum
Acrida conica, Froggattina australis
(Clarence Riv.) 256. Cleared from umbellata (?) & an ironbark.
Imperata clumps & Paspalum in creek, blue grass
& nut-grass on adjacent slope. Gastrimargus (adult)
Acrida conica, Bemius
in Imperata. 261 Mallangaree. 273. Cleared from
sp. juv. (R)
umbellata. Paspalum, Imperata, Dichanthium, Aristida.
Heteroptemis obscurella, Biolopus
287 Casino = 294. 307. Summit of hill cleared from rain
tamulus, Froggattina australis, Phaulacridium vitratum
forest, now with dense pasture of several spp. of grass,
& thin patches along road. Acrida (n). 310 Lismore 325
Acrida conica,
Alstonville 18th Nov 364 Ballina. 366. Shelly Beach, East
Pycnostictus seriatus, Genus nov. 9 (?)
Ballina. Coastal dune vegetation backed by low heath &

swamp, largely burnt over. Pale sand. 133 69 Bathurst
Noraba prora (R), Psednura
384 Broadwater 391 Sth Woodburn 395. Low heath, & a little
angustissimata, Cephula pyrrhocnemis, Gonioea sp., Heteroptemis, Acrida,
murgravii
taller heath with Banksia to 5ft., on white sand along
Mainyacris nana
Unisa sp., Exarna includes
Evans Head road. 399 Sth Woodburn 431. Maclean. 433. Reed,
Convolvulus, dock & other rank veg. along Clarence R.
Attractomorpha sp. (n). 460. Grafton. 473. Tall ? wet S.F.
Coptotettix planus gibbus (R), Gonioea sp., Acrida conica, Cryptobothrus
with maculata, an Ironbark, a gum with grey mottled
[E. Bancrofti] chrysophonus, Epallia sp.
bark (spec.), an Angophora & a bloodwood. Understorey
of paper bark in places, a flat-leafed Hakea, &
moderate amount of grass, including Imperata &
Themeda. Relatively undisturbed. 489. Corindi. 497.
W.S.F.
Woolgoolga. 510. Pilularis, saligna, other eucs, occ.
Syncarpia. Lower storey of various shrubs, plus
in places
lantana in places. Imperata in dense stands, some
bracken. No Acridids seen. 514. Coffs Harbour.
Cedarinia sp.,
19/11. 520. Coffs Harbour. 530. Coramba. 536. Very tall dense
Gonioea sp.
W.S.F. of saligna, pilularis, tallow-wood, Syncarpia, &
Tall
Tristania & minor spp. - Understorey of various trees,
incl. a Casuarina, a palm, tree-ferns. Ground cover
of ferns. ~~Mostly~~ further away from gully, Imperata,
bracken, Xanthorrhea. Mostly virgin, but a little
in places
thinning away from gully. 539. Highest point of climb
Rhitzala sp., Unisa sp.
543. along. 553. W.S.F. with saligna, pilularis, Tristania,
[C. toralosa]
Casuarina (sample), partly thinned, with Imperata,

bracken. 13557. Regan. 567. Dorrigo. 569. Cleared from rain
Paratettix argillacens (R), Phaulacridium vittatum
forest on red loam. Old potato & maize field, with
growth of potatoes, dock, sorrel & Chenopodium album.
584. Cleared from big timber. The trees that remain, or have
grown since clearing, are fairly small, & comprise
paniflora, & another species (spec). Pasture Poa
caespitosa & Themeda, mixed or in pure stands.
Praxilubes sexcilis (R)
591 Graft torn off. 596 Ebor. 600 Top of Snowy Range 5,000 ft.
[E. radiata] [E. obliqua]
viminalis (?), a peppermint (spec.) obliqua (?) (spec.), the
small-leafed sp. collected at 584. Acacia melanoxylon.
Moraba moclearyorum (R), Monistria
Pasture mainly Poa. 602. Low heath in depression
zebrata (n) (R), Cisphula pyrhocnemis, Goniaea sp., Apotropis sp., Cedarinia sp.
in viminalis-peppermint community. 618. Red box woodland
[E. polyanthemos] Cryptobothrus chrysophorus
(? polyanthemos), with some stuartiana, cleared &
[E. Nicholi]
uncleared. Acrida, Phaul. 620 Willow on fence. 634. ? Conica
Oedalus australis, Perala viridis, Brachyxama lobipennis,
Praxilubes sexcilis
(spec.) & paniflora on pale podsol. Cleared & uncleared.
Austroicetes vulgaris
Phaul., Acrida (n). 646. Armidale.
[prob. hybrid Ucho. E. sideroxylon & E. melliodora]
20/11. 662. Uralla. 672. Thinned from ? Bosistoana (spec.)
Goniaea sp., Froggatina australis, Cryptobothrus chrysophorus,
? melliodora, Blakelyi, macrorrhyncha, Angophora sp. & one
Pycnorhicus sp. n., Brachyxama lobipennis, Tipulga sp.
Kurrajong. Short grass pasture, incl. a little paspalum,
with clumps Aristida. Oedalus, Phaul. Prax. A. vulg.
Moraba tollina (R), Cedarinia sp., Goniaea sp., Cryptobothrus chrysophorus,
682. Melliodora, several stringys, Angophora sp. (rough),
Pycnorhicus sp. n., Umiza sp., Apotropis sp.
Blakelyi, Stuartiana, acc. Kurrajong on rocky granite rise.
Low pasture & Aristida clumps. Oedal., Phaul. Frogg.
Brachyxa., Praxil. 692. Sideroxylon, more than one stringy,

? grey gum (spec.), Blakelyi, on gravelly rise, with Aristida.
Dedalus
Frogg., Dedal., Cryptobothrus, Brachyscama 13702. Melliodora,
australis, Pycnostictus sp. n., Unisa sp., Brachyscama bilineatus,
albens, Blakelyi around watercourse. Cleared & thinned.
Austroicetes pusilla
Frogg., Dedal. Phaul. Chost. 707. Bundarra. 712. Melliodora,
Froggattina australis
albens, Blakelyi on flat rising to stringy (spec.), sideroxylon
& Angophora sp. (rough) on stony rise. Frogg., Dedal. 723.
Pycnostictus seriatus, Phaulacridium vittatum, Cryptobothrus
Melliodora, Blakelyi, Stuartiana, a stringy, Angophora sp.
chrysophorus, Brachyscama bilineatus, Tipuna sp.) Macrotona sp.
(rough), Cleared & thinned. Frogg., Dedal. 732. Blakelyi, albens,
Cedarinia sp., Gonioea sp., Pycnostictus seriatus, Pycnostictus
Chorioicetes terminifera
melliodora, Angophora sp. (rough), thinned. Frogg. Dedal.
sp. n.
Phaul. 740. Woodsraf, a hill, apparently volcanic,
bearing ? asbestos. Right a top, several plants of
Tipuna sp.
Trodia ? irritans! 743. Albens (very green, long-leafed form),
Blakelyi on slope of vertically disposed shale. Phaul.
21/11. Cedarinia sp., Gonioea sp., Froggattina australis,
751 Barraba. 760. Melanophloia & albens, thinned, on
Pycnostictus sp. n., Tipuna sp.
brown loamy soil with some rocks. Frogg., Dedal. 762. Cobbadah.
Pycnostictus seriatus, Pycnostictus sp. n.
774. Horton. 781. Melliodora, Blakelyi, Angophora sp. (rough)
Chorioicetes terminifera, Austroicetes pusilla, A. interioris
on creek flat with pale brown loam. Frogg., Dedal., Acrida
Dedalus australis, Heteropternis
(n). 798. Rocky Creek. 801. Sheep rocky hill with melanophloia,
obscurella, Pycnostictus seriatus, Phaulacridium vittatum
C. calcarata, & a narrow, leafed stringy. Various under-
[Bergeria viscosa, Notelea microcarpa
[F. rubiginosa]
shrubs (samples of 3), & one Ficus (sample). Chost. [The
whole Nandewar Range appears to be covered with
melanophloia, C. calcarata, some C. glauca & sideroxylon
Cedarinia sp.
806. Albens. Chost shrub. 8/9 Vineclo Bayash 824. Blakelyi
on sandy flat. Pycnostictus. Chost. numerous. 8/31 Narrebri